

REMARKS

Applicants will address the Examiner's objections and rejections in the order in which they appear in the Office Action.

Claim Rejections – 35 USC §112

In the Office Action, the Examiner rejects Claims 46-49 under 35 USC §112, second paragraph, for being indefinite. This rejection is respectfully traversed.

However, in order to advance the prosecution of this application, Applicants have canceled Claims 46-49 rendering this rejection moot. Accordingly, it is respectfully requested that it be withdrawn.

Claim Rejections - 35 USC §103

The Examiner also has the following rejections under 35 USC §103:

- A. Claims 22, 34, 42 and 58 are rejected as being unpatentable over Moon in view of Murade.
- B. Claims 23, 35, 43 and 59 are rejected as being unpatentable over Moon in view of Murade and Sato.
- C. Claims 28, 40 and 44 are rejected as being unpatentable over Moon in view of Murade and Misawa.
- D. Claims 29, 41 and 45 are rejected as being unpatentable over Moon in view of Murade and Misawa.

Each of these rejections is respectfully traversed.

In order to advance the prosecution of this application, Applicants are amending independent Claim 22 herein.¹ The amended claims are specifically directed to Embodiment 2 of the present application which is depicted, for example, in Figs. 4A-4D. Applicants have also amended the claim to amended Claim 22 to recite the relative thickness of the recited insulating films..

Applicants respectfully submit that the claims of the present application, as amended, are patentable over the cited references. Accordingly, it is respectfully requested that each of these §103 rejections be withdrawn.

Drawings

Applicants are amending Figs. 1 and 3C to complete the line of the upper surface of the insulating film 131. This error occurred in the preparation of the formal drawings (the complete line was present in the informal drawings originally filed with the parent application). No new matter is being added by this amendment. Accordingly, it is requested that this amendment be entered and allowed.

New Claims

Applicants are adding new Claims 60-98. These claims include a limitation regarding the thickness of the driver circuit.

¹ In order to advance the prosecution of this application, Claims 23, 28, 29, 34, 40-42, 44, 45 and 58 have been canceled, rendering the rejection of these claims moot.

The fee for claims has been calculated as shown below.

	Claims Remaining After Amendment		Highest Number Previously Paid For	Present Extra	Rate	Fee
Total	43	-	42	1	(small entity) x 9 (others) x 18	\$18.00
Independent	10	-	12	0	(small entity) x 43 (others) x 86	\$0.00
Multiple Dependent (None)					(small entity) + 145 (others) + 290	\$0.00
TOTAL ADDITIONAL FEES						\$18.00

Please charge our deposit account 50/1039 for the fee for the additional new claim. If any further fee should be due, please charge our deposit account 50/1039.

Conclusion

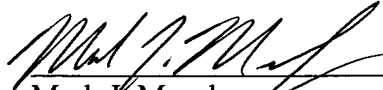
It is respectfully submitted that the present application is in a condition for allowance and should be allowed.

If any fee is due for this amendment, please charge our deposit account 50/1039.

Favorable reconsideration is earnestly solicited.

Respectfully submitted,

Date: August 19, 2004


Mark J. Murphy
Registration No. 34,225

COOK, ALEX, McFARRON, MANZO,
CUMMINGS & MEHLER, LTD.
200 West Adams Street
Suite 2850
Chicago, Illinois 60606
(312) 236-8500

Marked-up copy
of drawings.

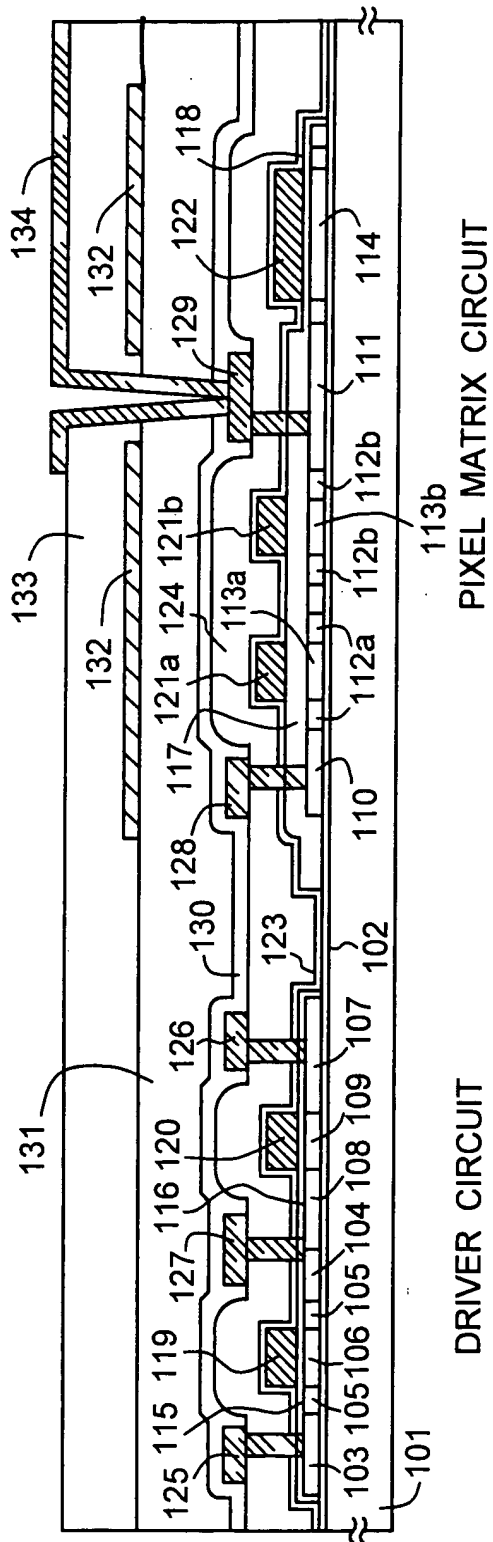


FIG. 1

Marked-up
copy of
drawing



BORON DOPING PROCESS (p++)

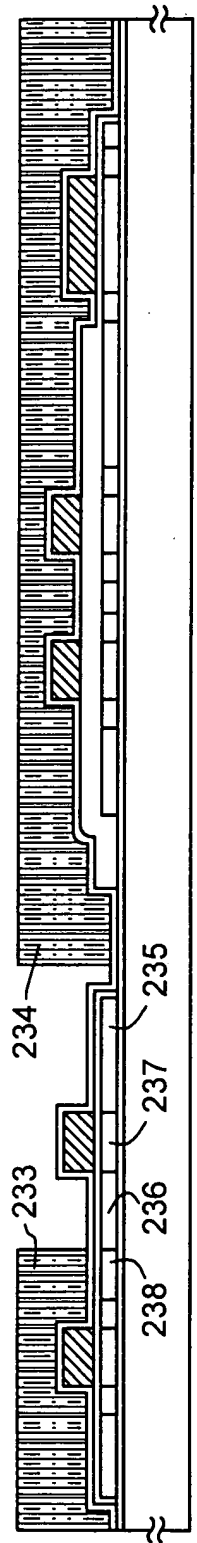


FIG. 3A

GETTERING PROCESS

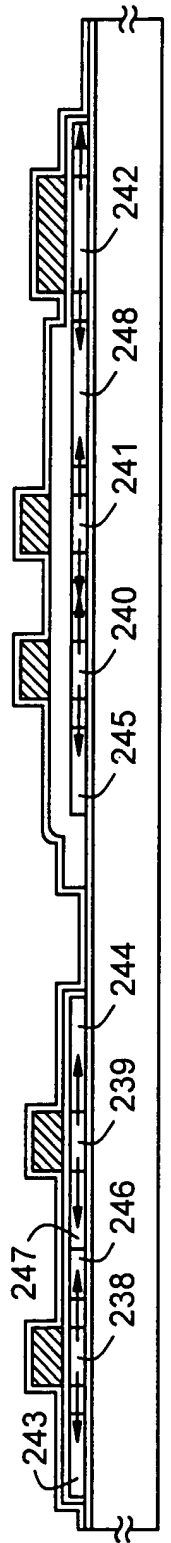
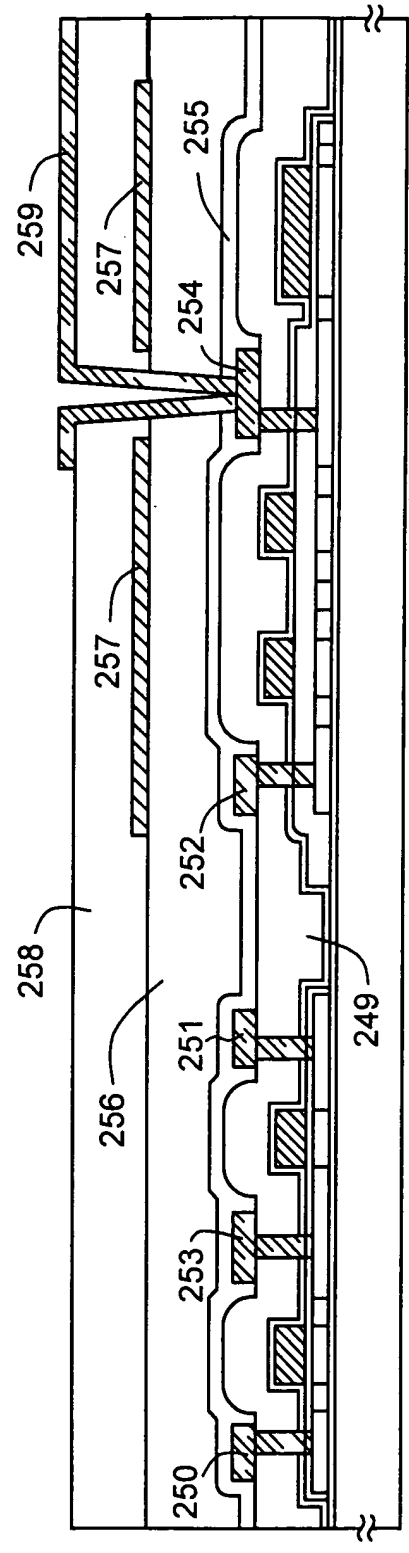


FIG. 3B

DRIVER CIRCUIT



PIXEL MATRIX CIRCUIT

FIG. 3C